

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A lithium ion secondary battery, comprising:
a lithium ion secondary battery body which is provided with an electrolytic solution; and
a safety mechanism which is activated before an inside short-circuit occurs, and discharges decomposition gas of the electrolytic solution, that is generated inside the lithium ion secondary battery body, to an outside of the battery when the battery is overcharged;

wherein an amount of the electrolytic solution provided into the lithium ion secondary battery is equal to or larger than an amount, at which an inflection point, that is related to a generation amount of the decomposition gas per unit time when the lithium ion secondary battery is overcharged, appears.

2. (Original) The lithium ion secondary battery according to claim 1, wherein the safety mechanism is activated ten seconds or more before the inside short-circuit occurs.
3. (Original) The lithium ion secondary battery according to claim 1 wherein the safety mechanism is a safety valve which opens when a pressure in the lithium ion secondary battery reaches a preset pressure.
4. (Original) The lithium ion secondary battery according to claim 3, wherein the preset pressure is set such that the safety valve opens ten seconds or more before the inside short circuit occurs.